

Homework 3
EE 220 Circuits I Fall 2017
Friday, September 8, 2017

- 1) 3.12
- 2) 3.18
- 3) 3.25 Note: Matlab use is optional/not required.
- 4) 3.37 First, determine the mesh currents (e.g., I_{left} & I_{right}) going in the clockwise direction.
- 5) 3.41
- 6) 3.44
- 7) 3.91 Make $\beta = 225$ and solve using mesh analysis.
- 8) 3.91 Make $\beta = 225$ and solve using nodal analysis. Hint: use equivalent circuit model for transistor.

Due Monday, September 18, 2017